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Jefferson County, Iowa

Map symbol and soil name	of map	Pct. Application of of manure and food- map processing waste unit		Application of sewage sludg		Disposal of wastewater by irrigation	ı
		Rating class and limiting features		Rating class and limiting features			
13B: Olmitz	 - 35 	 Not limited 	 	 Not limited 		 Somewhat limited Too steep for surface application	 0.08
Vesser	 - 33 		0.43	Somewhat limited Depth to saturated zone 	0.43	Somewhat limited Depth to saturated zone Too steep for surface application	0.43
Zook	 - 25 	. 4	1.00 1.00	 Very limited Depth to saturated zone Restricted permeability 		 Very limited Depth to saturated zone Restricted permeability Too steep for surface application	 1.00 1.00 0.01
23C2: Arispe	90	 Very limited Restricted permeability Depth to saturated zone 	1.00 	 Very limited Restricted permeability Depth to saturated zone 	1.00 	Very limited Restricted permeability Too steep for surface application Depth to saturated zone Too steep for sprinkler application	1.00
24D2: Shelby	 - 85 		0.63		0.63	 Very limited Too steep for surface application	1 1.00
		Restricted permeability	0.30	Restricted permeability 	0.22	Too steep for sprinkler application	0.77
	 	Too acid 	0.02	Too acid 	0.07		0.22

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Jefferson County, Iowa

Map symbol and soil name	Pct. of map unit	manure and food processing was	.—	Application of sewage sludg 	е	Disposal of wastewater by irrigation	ı
	 	Rating class and limiting features		Rating class and limiting features			
41B: Sparta	95	 Very limited Filtering capacity Leaching limitation Droughty		į			1.00
51: Vesser	 90 	-	11.00	saturated zone	11.00	 Very limited Depth to saturated zone	11.00
51B: Vesser	 95 	 Somewhat limited Depth to saturated zone 	1 1 0.43	 Somewhat limited Depth to saturated zone 	10.43		0.43
54: Zook	 90 	permeability Depth to		 Restricted permeability	1.00 1.00	Restricted permeability	 1.00 1.00 1.00 0.60
65D2: Lindley	 85 		0.63	 Somewhat limited Slope Too acid	 0.63 0.31	surface application	 1.00 0.77
		Restricted permeability Too acid 	0.30 0.08 	 	0.31 	Too Steep for sprinkler application Too acid Restricted permeability	0.77 0.31 0.22

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Jefferson County, Iowa

and soil name			_	Application of sewage sludg 	е	Disposal of wastewater by irrigation 		
	 	Rating class and limiting features		Rating class and limiting features		Rating class and limiting features	Value 	
65E: Lindley	 90 		1 1.00	 	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	surface	1 1.00	
	 	 Restricted permeability 	0.30	 Too acid 	0.31	application Too steep for sprinkler application	11.00	
	 	Too acid -	0.08	Restricted permeability	0.22	= =	0.31	
65E2: Lindley	 90	 Verv limited	 	 	 	permeability Very limited	 	
	 	Slope 	1.00	•	1.00	_	11.00	
	 	Restricted permeability 	0.30 	Too acid 	0.31 	Too steep for sprinkler application	1.00 	
	 	Too acid 	0.08 	Restricted permeability 	0.22 	Too acid Restricted permeability	0.31 0.22	
65F2: Lindley	 85	•		 Very limited		 - Very limited		
	 	Slope 	1.00 	Slope 	1.00 	Too steep for surface application	1.00 	
	 	Restricted permeability 	0.30 	Too acid 	0.31 	Too steep for sprinkler application	1.00 	
	 	Too acid	0.08	Restricted permeability	0.22		0.31 0.22	
65G:	 	 	 	 	 	permeability 		
Lindley	85 		1.00	Very limited Slope 	11.00	Very limited Too steep for surface application	 1.00 	
		 Restricted permeability 	0.30	 Too acid 	0.31	= =	11.00	

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Jefferson County, Iowa

Map symbol and soil name	 Pct. of map unit	manure and food processing was	_	 Application of sewage sludg 	е	Disposal of wastewater by irrigation	
	 	Rating class and limiting features		Rating class and limiting features		Rating class and limiting features 	Value
	 	 Too acid 	 0.08 	Restricted permeability	 0.22 	Too acid Restricted permeability	 0.31 0.22
74: Rubio	 90 	 Very limited Restricted permeability Depth to saturated zone Leaching limitation Too acid	 1.00 1.00 0.50 0.02	saturated zone Restricted permeability	 1.00 1.00 1.00	saturated zone Restricted permeability	 1.00 1.00 1.00
75: Givin	 95 	 Somewhat limited Depth to saturated zone Restricted permeability	0.43	saturated zone		 Somewhat limited Depth to saturated zone Restricted permeability	0.43
75B: Givin	 90 	 Somewhat limited Depth to saturated zone Restricted permeability 	0.43	saturated zone	 0.43 0.22 	saturated zone Restricted permeability	 1
76B: Ladoga	 90 	 Somewhat limited Restricted permeability 	 0.30 	 Somewhat limited Restricted permeability 	 0.22 	permeability	 0.22 0.08
76C2: Ladoga	 90 	 Somewhat limited Restricted permeability 	1 1 1 0.30	 Somewhat limited Restricted permeability 	 0.22 	 Somewhat limited Too steep for surface application Restricted permeability	 0.91 0.22

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Jefferson County, Iowa

The state of the s	map unit 			Application of sewage sludge		Disposal of wastewater by irrigation	
	 	Rating class and limiting features		Rating class and limiting features		Rating class and limiting features 	Value
 	 		 	 	 	Too steep for sprinkler application	10.02
76D2: Ladoga 	90		 0.63	 Somewhat limited Slope 	 0.63 	surface	 1.00
	 	Restricted permeability	0.30	Restricted permeability 	 0.22 	application Too steep for sprinkler application Restricted	 0.77 0.22
80B:				 		permeability	
Clinton	90 	Somewhat limited Restricted permeability		Somewhat limited Restricted permeability	10.22	 Somewhat limited Restricted permeability	10.22
į	, 	Too acid	0.02		0.07	Too steep for surface application	0.08
80C2:	 			 	 	Too acid 	0.07
Clinton 	90	Somewhat limited Restricted permeability	0.30	Somewhat limited Restricted permeability	 0.22 	Somewhat limited Too steep for surface application	 0.91
		Too acid	0.02	Too acid	0.07		10.22
					 	Too steep for sprinkler application	10.02
80D2: Clinton	90	Somewhat limited Slope	0.63	 Somewhat limited Slope	1 0.63	-	1 1 1 1 1 1 1 1 1 1
	 	Restricted permeability	10.30	 Restricted permeability	 0.22 	surface application Too steep for sprinkler	 0.77
	 	Too acid	 0.02 	 Too acid 	 0.07 	application Restricted permeability Too acid	 0.22 0.07

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Jefferson County, Iowa

± ±	 Pct. of map unit	map processing waste		Application of sewage sludg 		Disposal of wastewater by irrigation	1
	 	 Rating class and limiting features 	Value 	Rating class and limiting features	Value 	Rating class and limiting features	Value
87B: Colo	 68 	Depth to	1.00	 Very limited Depth to saturated zone	11.00	· -	1 1.00
Zook	 22 	Restricted permeability Depth to saturated zone	1.00 1.00	 Very limited Depth to saturated zone Restricted permeability 	1.00 1.00	Depth to saturated zone Restricted	11.00
122: Sperry	 90 	Restricted permeability Depth to saturated zone	1.00 1.00		1.00 1.00	Depth to saturated zone	 1.00 1.00
130: Belinda	 	Restricted permeability	1.00 1.00	Restricted permeability Depth to saturated zone	1.00 1.00	 Very limited Restricted permeability Depth to saturated zone	11.00
131B: Pershing	 90 	Restricted permeability Depth to saturated zone	1.00 0.43	Restricted permeability Depth to saturated zone	1.00 0.43 0.31		0.31
131B2: Pershing	 95 	permeability Depth to saturated zone	1.00	permeability Depth to saturated zone	11.00	permeability Depth to saturated zone	 1.00 0.43 0.31

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Jefferson County, Iowa

and soil name	 Pct. of map unit	manure and food- processing waste		Application of sewage sludg 	е	Disposal of wastewater by irrigation	
	 	 Rating class and limiting features		Rating class and limiting features		Rating class and limiting features	Value
12100	 		 	 	 	Too steep for surface application	0.08
131C2: Pershing	 85 	 Very limited Restricted permeability Depth to saturated zone Too acid 	 1.00 0.43 0.08	permeability	 1.00 0.43 0.31		 1.00 0.91 0.43 0.31 0.02
132B: Weller	 90 1 1 1 1	 Very limited Restricted permeability Depth to saturated zone Too acid	 1.00 1.00 0.43 0.08	permeability Depth to saturated zone	 1.00 1.00 0.43 0.31	permeability Depth to saturated zone	 1.00 0.43 0.31 0.08
132C: Weller	 90 	 Very limited Restricted permeability Depth to saturated zone Too acid 	 1	permeability Depth to saturated zone	 1	permeability	 1.00 0.91 0.43 0.31 0.02
Weller	 85 	 Very limited Restricted permeability	11.00	 Very limited Restricted permeability	11.00	 Very limited Restricted permeability	1 1.00

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Jefferson County, Iowa

Saturated zone Saturated zone Surface Supplication Supplication Surface Supplication Supplication Surface Supplication		Pct. of map unit	manure and food- processing waste		Application Of sewage sludg	e	Disposal of wastewater by irrigation	1
saturated zone saturated zone application application saturated zone Too acid 0.31 Depth to 0. saturated zone Too acid 0. Too steep for 0. sprinkler application a		 						
Too acid 0.08 Too acid 0.31 Depth to 0.08 Too acid 0.31 Depth to 0.08 Too acid 0.31 Too acid 0.008 Too acid 0.00				0.43	· •	10.43	surface	 0.91
132D:			Too acid 	0.08	Too acid 	0.31	Depth to saturated zone	0.43
Weller			 		 		Too steep for sprinkler	10.02
permeability permeability surface application Slope 0.63 Slope 0.63 Restricted 1. permeability permeab		90	' Very limited		 Very limited		 Very limited	
Slope			•	1.00	•	1.00	surface	11.00
saturated zone saturated zone application applic		 	 Slope 	0.63	Slope	0.63	Restricted	11.00
Too acid		 		0.43		0.43	sprinkler	0.77
132D2: 90 Very limited Very limited Very limited Very limited Very limited		 	 Too acid 	0.08	Too acid 	0.31	Depth to	0.43
Weller	12000	 	 		 		Too acid	0.31
Restricted		1 90	 Verv limited	1	 Verv limited		 Verv limited	1
Slope		 	Restricted		Restricted		Too steep for surface	1.00
saturated zone saturated zone sprinkler application application application		i I	 Slope 	0.63	Slope	0.63	Restricted	11.00
Too acid 0.08 Too acid 0.31 Depth to 0.				0.43	•	0.43	sprinkler	0.77
		 	 Too acid 	0.08	Too acid	0.31	Depth to	0.43
Perks	120	 	 		 		Too acid	0.31
Droughty 1.00 Droughty 1.00 Droughty 1.00 Droughty 1.00 Filtering 1.00 Filtering 1.00 Filtering 1.00 Filtering 1.00 Filtering 1.00 Filtering 1.00 Flooding 0.00 Filtering 1.00 Flooding 1.00 Flo	±03.	1 90	 Verv limited		 Verv limited		 Verv limited	
			=		Droughty	1.00	Droughty	11.00
		1	=	11.00	Flooding	11.00	-	11.00
		 		10.60		11.00		10.60
1 1 1.00 CD 1DC			I Tanahin		capacity			1
limitation		1	Leaching limitation	0.45	1	1	 	I

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Jefferson County, Iowa

and soil name	Pct. of map unit	manure and food processing was	_	Application of sewage sludg 		Disposal of wastewater by irrigation		
	 	Rating class and limiting features 		Rating class and limiting features				
179D2: Gara	90			 Somewhat limited Slope 	 0.63	•	 1.00	
	 	Restricted permeability 	0.30	Restricted permeability 	0.22	Too steep for sprinkler application Restricted permeability	0.77	
179E2: Gara	 85 	 Very limited Slope Restricted permeability	1.00 	 Very limited Slope Restricted permeability	1.00 0.22		 1.00 1.00 1.00	
180: Keomah	 95 	Restricted permeability Depth to saturated zone	0.89	 Somewhat limited Restricted permeability Depth to saturated zone Too acid	0.78 0.43	 Somewhat limited Restricted permeability Depth to saturated zone Too acid	 0.78 0.43 	
180B: Keomah	 95 	Restricted permeability Depth to saturated zone	0.89 0.43	 Somewhat limited Restricted permeability Depth to saturated zone Too acid 	0.78 0.43 0.07		0.78	
208: Klum	 95 	 Somewhat limited Flooding	10.60	 Very limited Flooding	1 1.00	 Somewhat limited Flooding	10.60	
211: Edina	 90	 Very limited		 Very limited		 Very limited		

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Jefferson County, Iowa

Map symbol and soil name	Pct. of map unit	manure and food processing was	_	Application of sewage sludg	e	Disposal of wastewater by irrigation 	1
	 	Rating class and limiting features		Rating class and limiting features		Rating class and limiting features	Value
	 	permeability Depth to saturated zone Runoff limitation	1.00 1.00 1.00 0.40 0.02	permeability Depth to saturated zone Too acid	1.00 1.00 1.00 1.00	permeability	 1.00 1.00 0.07
220: Nodaway	 - 90 		 0.60 	 Very limited Flooding	 1.00	 Somewhat limited Flooding 	 0.60
222C: Clarinda	 - 90 	Restricted permeability Depth to saturated zone Runoff limitation	 1.00 1.00	permeability Depth to saturated zone	 1.00 1.00 0.07	permeability	
222C2: Clarinda	 - 85 	Restricted permeability Depth to saturated zone Runoff limitation	1.00 1.00	permeability Depth to saturated zone	 1.00 1.00 0.07 	permeability Depth to saturated zone	
223C2: Rinda	 - 85 	permeability	 1.00 1.00 1.00 	permeability	 1.00 1.00 1.00	 Very limited Restricted permeability Depth to saturated zone Too steep for surface application	 1.00 1.00 0.91

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Jefferson County, Iowa

Map symbol and soil name	Pct. of map unit	manure and food- processing was	-	Application of sewage sludg	е	Disposal of wastewater by irrigation 	ı
	 	Rating class and limiting features	Value 	Rating class and limiting features	Value 	Rating class and limiting features	Value
	 	Too acid	 0.02 	 	 	Too acid Too steep for sprinkler application	 0.07 0.02
260: Beckwith	 90 	Restricted permeability Depth to saturated zone Runoff limitation	1.00 1.00	•	1.00 	 Very limited Restricted permeability Depth to saturated zone Too acid	 1.00 1.00 0.31
263: Okaw	 90 	permeability Depth to saturated zone Runoff limitation	1.00 1.00	•	1.00 1.00	 Very limited Restricted permeability Depth to saturated zone Too acid	 1.00 1.00 0.31
264B: Ainsworth	 85 	Filtering capacity	1.00	 Very limited Filtering capacity Restricted permeability			 1.00 1.00 0.22 0.08
273B: Olmitz	 90 	 Not limited 	 	 Not limited 	 	 Somewhat limited Too steep for surface application	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
279: Taintor	85 	 Very limited Depth to saturated zone Leaching limitation Restricted permeability	 1.00 0.50 0.30	 Very limited Depth to saturated zone Restricted permeability	 1.00 0.22 	 Very limited Depth to saturated zone Restricted permeability	 1.00 0.22

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Jefferson County, Iowa

and soil name	 Pct. of map unit	manure and food processing was	_	Application of sewage sludg 		 Disposal of wastewater by irrigation 	
	 	Rating class and limiting features		Rating class and limiting features			
280: Mahaska	 95 	Depth to saturated zone	0.43	saturated zone	0.43	saturated zone	 0.43 0.07
280B: Mahaska	 95 	Depth to saturated zone	 0.43 0.02 1	saturated zone	0.43	saturated zone Too steep for surface application	 0.43 0.08 1 0.07
281B: Otley	 85 		 0.02 	 Somewhat limited Too acid 	 0.07 	 Somewhat limited Too steep for surface application Too acid	0.08
281B2: Otley	 85 		 0.02 	 Somewhat limited Too acid 	 0.07 	 Somewhat limited Too steep for surface application Too acid	 0.08 0.07
281C: Otley	 85 	•	 0.02 1 1 1 1	 Somewhat limited Too acid 	 0.07 	surface application Too acid	
281C2: Otley	 85 	•	 0.02 	 Somewhat limited Too acid 	 0.07 	surface application	 0.91 0.07

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Jefferson County, Iowa

Map symbol and soil name	Pct. of map unit	manure and food processing was	_	Application of sewage sludg	e	Disposal of wastewater by irrigation	ı
	 	Rating class and limiting features 		Rating class and limiting features		Rating class and limiting features	Value
		 		 		Too steep for sprinkler application	 0.02
293C: Chelsea	 65	 Very limited Filtering		 Very limited Filtering	1 1.00	 Very limited Filtering	1 1.00
	i	capacity		capacity		capacity	
	 	Droughty 	0.46 	Droughty 	0.46 	Too steep for surface application	0.91
	į	Leaching limitation	0.45	Too acid	0.07	= =	0.46
		Too acid	0.02	 		Too acid Too steep for sprinkler application	0.07 0.02
Fayette	25 		 0.02 	Somewhat limited Too acid 	 0.07 	Somewhat limited Too steep for surface application Too acid Too steep for sprinkler application	 0.91 0.07 0.02
293F:				 			
Chelsea	03	Slope	11.00	Very limited Slope 	1.00	Very limited Too steep for surface application	11.00
		Filtering capacity	11.00	Filtering capacity	11.00	= =	11.00
		Droughty	0.46	Droughty	0.46		1.00
	 	Leaching limitation	0.45	Too acid 	0.07		0.46
		Too acid 	0.02] 		Too acid 	0.07
Fayette	25 	 Very limited Slope 	11.00	 Very limited Slope 	11.00	surface	11.00
	 	 Too acid 	0.02	 Too acid 	 0.07 	application Too steep for sprinkler application	11.00

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Jefferson County, Iowa

and soil name	 Pct. of map unit	manure and food processing was	manure and food- processing waste		Application of sewage sludge		1
	 	Rating class and limiting features		Rating class and limiting features		Rating class and limiting features	Value
	 	 	 	 	 	 Too acid 	10.07
313E2: Gosport	 90 	 Very limited Restricted permeability	11.00	 Very limited Droughty	1 1.00	 Very limited Droughty	1 1.00
	 	Permeability Droughty 	11.00	Restricted permeability	11.00	Restricted permeability	11.00
		Slope 	0.96		0.96	Too steep for surface	11.00
	 	 Depth to saturated zone 	0.95	Depth to saturated zone	 0.95 	application Too steep for sprinkler application	 0.97
		Depth to bedrock	0.46	Depth to bedrock	0.46	= =	0.95
313G: Gosport	 90 	Slope Restricted	1.00	Restricted	1.00	Restricted	1 1.00
		permeability Droughty 	1.00	permeability Slope 	1.00	permeability Too steep for surface application	11.00
	 	 Depth to saturated zone 	0.95	Depth to saturated zone	0.95	= =	11.00
	i I	Depth to bedrock	0.46	Depth to bedrock	0.46	= =	0.95
315:	 	 	1	 	1	 	1
Nodaway	45 		0.60	Very limited Flooding	11.00	Somewhat limited Flooding	10.60
Klum	25		0.60	Very limited Flooding	11.00	Somewhat limited Flooding	10.60
Perks	20	Droughty Filtering capacity	1.00 1.00 	Flooding	1.00 1.00 	Filtering capacity	11.00
	 	Flooding Leaching	0.60 0.45	Filtering capacity	1.00	Flooding 	0.60
	 	limitation 		 	 	 	

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Jefferson County, Iowa

Map symbol and soil name	 Pct. of map unit	of manure and food- nap processing waste		Application of sewage sludg 	е	Disposal of wastewater by irrigation	
	 	Rating class and limiting features		Rating class and limiting features		Rating class and limiting features	Value
362: Haig	85 85 	 Very limited Restricted permeability Depth to saturated zone Leaching limitation	 1.00 1.00 1.00 0.50	 Very limited Depth to saturated zone Restricted permeability 	 1.00 1.00 	 	 1.00 1.00
363: Haig	 85 	 Very limited Restricted permeability Depth to saturated zone Leaching limitation	 1.00 1.00 1.00 0.50	 Very limited Depth to saturated zone Restricted permeability 	11.00	 Very limited Depth to saturated zone Restricted permeability	 1.00 1.00
364B: Grundy	 95 	 Very limited Restricted permeability Depth to saturated zone 	 1.00 0.95 	permeability	 1.00 0.95 	permeability	 1.00 0.95 0.08
364B2: Grundy	95 	 Very limited Restricted permeability Depth to saturated zone 	 1.00 1.00 0.95 	permeability	 1.00 0.95 		 1.00 0.95 0.08
423D2: Bucknell	 85 	 Very limited Restricted permeability Depth to saturated zone Slope	 1.00 1.00 1.00 0.63	permeability Depth to saturated zone	 1.00 1.00 1.00 0.63	surface application Restricted permeability	 1.00 1.00 1.00

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Jefferson County, Iowa

and soil name	Pct. Application of of manure and food- map processing waste unit			Application of sewage sludge 		Disposal of wastewater by irrigation	
	 	Rating class and limiting features		Rating class and limiting features		Rating class and limiting features 	Value
	 	 Runoff limitation 	0.40 0.40 	 		Too steep for sprinkler application	 0.77
424D2: Lindley	 45 		 0.63 	 Somewhat limited Slope 	 0.63	surface	 1.00
	 	 Restricted permeability 	 0.30 	 Too acid 	 0.31 	application Too steep for sprinkler application	 0.77
	 	Too acid 	0.08 	Restricted permeability 	0.22 	Too acid Restricted permeability	0.31 0.22
Keswick	 40 	-	 1.00 	 Very limited Restricted permeability	 1.00 	 Very limited Too steep for surface application	 1.00
	 	saturated zone	1.00 0.63	saturated zone	11.00	Restricted permeability Depth to	11.00
	 	 Too acid 	 0.08 	 Too acid 	 0.31 	saturated zone Too steep for sprinkler application Too acid	 0.77 0.31
424E2: Lindley	 45	 Very limited	 	 Very limited	 	 Very limited	
	 	 	1.00 		11.00	surface application	11.00
	 	permeability	0.30 0.08	 	0.31 0.22	Too steep for sprinkler application	11.00
	 	100 acid 		Restricted permeability 		Too acid Restricted permeability	0.31 0.22
Keswick	 40 	· · · · · · · · · · · · · · · · · · ·	 1.00 	 Very limited Restricted permeability 	1.00	 Very limited Too steep for surface application	 1.00

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Jefferson County, Iowa

Map symbol and soil name	Pct. of map unit	manure and food processing was	l-	Application of sewage sludg	e	Disposal of wastewater by irrigation 	
	 	Rating class and limiting features		Rating class and limiting features		Rating class and limiting features	Value
	 	 Slope 	11.00	 Slope 	11.00	Too steep for sprinkler application	11.00
		Depth to saturated zone Too acid 	1.00 0.08	saturated zone	1.00 0.31	Restricted permeability Depth to saturated zone Too acid	1.00 1.00 0.31
425D: Keswick	 - 90 	 Very limited Restricted permeability	1.00	 	1 1.00	 Very limited	 1.00
		 Depth to saturated zone Slope 	 1.00 0.63	saturated zone	 1.00 0.63	application Restricted permeability Depth to saturated zone	 1.00 1.00
		Too acid 	0.08	Too acid	0.31		0.77
425D2: Keswick	 - 85 	 Very limited Restricted permeability	1.00	 Very limited Restricted permeability	1.00	surface	11.00
	 	Depth to saturated zone Slope 	11.00	saturated zone Slope	11.00	permeability Depth to saturated zone	11.00
	 	Too acid 	0.08 	Too acid 	0.31 	Too steep for sprinkler application Too acid	0.77 0.31
430: Ackmore	 - 95 	 Very limited Depth to saturated zone Flooding	11.00	 Depth to	1.00	 Very limited Depth to saturated zone Flooding	11.00
453: Tuskeego	 - 90	 Very limited Restricted permeability	1 1.00	saturated zone	 1.00	 Very limited Restricted permeability	 1.00

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Jefferson County, Iowa

and soil name	 Pct. of map unit	manure and food processing was	-	Application of sewage sludg 		Disposal of wastewater by irrigation 	
	 	Rating class and limiting features		Rating class and limiting features		Rating class and limiting features	Value
	 	saturated zone Leaching limitation		saturated zone Too acid	1.00 1.00 0.07	saturated zone	 1.00 0.07
499G: Nordness	 90 	Depth to bedrock Droughty		Droughty Depth to bedrock	11.00	Depth to bedrock Too steep for surface application	 1.00 1.00 1.00 1.00 1.00
520: Coppock	 90 	Depth to saturated zone	11.00	saturated zone		 Very limited Depth to saturated zone Flooding	1.00
520B: Coppock	 95 	•	 0.43 	 Somewhat limited Depth to saturated zone 	 0.43 	saturated zone	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
570C2: Nira	85 	 Not limited 	 	 Not limited 	 	surface application	 0.91 0.02
571C2: Hedrick	 85 	 Not limited 	 	 Not limited 	 	 Somewhat limited Too steep for surface application	 0.91

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Jefferson County, Iowa

Map symbol and soil name	Pct. of map unit	manure and food processing was	l- of sewage sl		e	Disposal of wastewater by irrigation	
	 			Rating class and limiting features			
57000	 	 	 	 	 	Too steep for sprinkler application	 0.02
572C2: Inton	 85 	•	 0.02 	 Somewhat limited Too acid 	 0.07 		 0.91 0.07 0.02
572D2: Inton	 85 	Slope 	 0.63 0.02	I I	0.63 	surface application	 1.00 0.77
	 - - -	 	 	 		sprinkler application Too acid 	1 1 0.07
587: Chequest	 85 	Depth to saturated zone Flooding	1.00 0.60	 Very limited Depth to saturated zone Flooding Restricted permeability	1.00 	saturated zone Flooding	 1.00 0.60 0.22
594D2: Galland	 85 	. 4	1.00	 Very limited Restricted permeability	11.00	 Very limited Too steep for surface application	1 1.00
	 	saturated zone		saturated zone	11.00	Restricted permeability	1.00 1.00
	 	Tunoff limitation	 0.40 	 	 	saturated zone Too steep for sprinkler application	 0.77
729: Nodaway	 55	 Somewhat limited	 	 Very limited	 	 Somewhat limited	

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Jefferson County, Iowa

Map symbol and soil name	of map	Pct. Application of of manure and food- map processing waste unit		Application of sewage sludg 	е	Disposal of wastewater by irrigation	
				Rating class and limiting features			
	 	 Flooding	 0.60	 Flooding	11.00	 Flooding	 0.60
Coppock		Depth to saturated zone	11.00	Depth to saturated zone	11.00	saturated zone	11.00
730B: Nodaway		•		 Very limited Flooding 			10.60
Coppock			11.00	 Very limited Depth to saturated zone 	1.00 	 Very limited Depth to saturated zone Too steep for surface application	11.00
Cantril	 20 	Depth to saturated zone	0.43	Depth to saturated zone	0.43	Too steep for surface application	 0.43 0.08 0.07
779: Kalona	90	Depth to saturated zone	1.00 0.30	Depth to saturated zone Restricted	1.00 0.22		 1.00 0.22
792C2: Armstrong	 85 	Restricted permeability	1.00 1.00	Restricted permeability Depth to	11.00	 Very limited Restricted permeability Depth to saturated zone Too steep for surface application	 1.00 1.00 0.91

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Jefferson County, Iowa

and soil name	· · · · · · · · · · · · · · · · · · ·		-	 Application of sewage sludg 	е	 Disposal of wastewater by irrigation 	ı
	 	Rating class and limiting features	Value 	Rating class and limiting features		Rating class and limiting features	Value
	 		 	 	 	Too steep for sprinkler application	0.02
792D2: Armstrong	 85 	=	 1.00 	 Very limited Restricted permeability 	1 1.00	 Very limited Too steep for surface application	1 1.00
	 	Depth to saturated zone Slope	1.00 0.63	Depth to saturated zone Slope	1.00 0.63	Restricted permeability Depth to	1.00 1.00
	 	 	 	 	 	saturated zone Too steep for sprinkler application	 0.77
795C2: Ashgrove	 85 	permeability Depth to saturated zone Runoff limitation	1.00 1.00	permeability	1.00	permeability	 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00
795D2: Ashgrove	 85 85 	permeability Depth to saturated zone	 1.00 1.00 1.00 0.63	permeability Depth to saturated zone	1.00	 Very limited Restricted permeability Depth to saturated zone Too steep for surface	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	 	 Runoff limitation Too acid	 0.40 0.08	 Too acid 	 0.31 	application Too steep for sprinkler application Too acid	 0.77 0.31
822D2: Lamoni	 95	 	 	 Very limited		 Very limited	

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Jefferson County, Iowa

Map symbol and soil name	Pct. of map unit	manure and food processing was	l-	Application of sewage sludg	re	Disposal of wastewater by irrigation 	
	 	Rating class and limiting features		Rating class and limiting features		Rating class and limiting features	Value
	 	Restricted permeability	11.00	Restricted permeability	11.00	Too steep for surface application	11.00
	 	Depth to saturated zone Slope	1.00 0.63	saturated zone	1.00 0.63	permeability	1.00 1.00
		 Too acid 	 0.01 	 Too acid 	 0.01 	saturated zone Too steep for sprinkler application Too acid	 0.77 0.01
831B: Pershing	 - 90 	 Very limited Restricted permeability Depth to saturated zone Too acid 	 1.00 0.43 0.08	permeability Depth to saturated zone	 1.00 0.43 0.31	permeability Depth to saturated zone	 1.00 0.43 0.31 0.08
831c2: Pershing	 - 85 	 Very limited Restricted permeability Depth to saturated zone Too acid 	1 1.00 1 10.43 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	permeability Depth to saturated zone	 1.00 0.43 1 0.31 1	permeability Too steep for surface application	 1.00 0.91 0.43 0.31 0.02
832B: Weller	 - 90 	 Very limited Restricted permeability Depth to saturated zone Too acid 	10.43	permeability Depth to saturated zone	1.00	permeability Depth to saturated zone	 1.00 0.43 0.31 0.08

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Jefferson County, Iowa

and soil name	Pct. of map unit	manure and food- processing waste		Application of sewage sludge 		Disposal of wastewater by irrigation 	
	 			Rating class and limiting features			
832C2: Weller	 85	 Verv limited		 Very limited		 Very limited	
	 	Restricted permeability Depth to	1.00 0.43	Restricted permeability Depth to	1.00 0.43	Restricted permeability Too steep for	1.00 0.91
	 	saturated zone Too acid	İ	saturated zone Too acid	İ	surface application Depth to	1 0.43
	 	 	 	 	 	•	0.31 0.02
832D2: Weller	 85 			 Very limited Restricted permeability		 Very limited Too steep for surface application	 1.00
	 	Slope	0.63	Slope	0.63		1.00
	 	Depth to saturated zone 	0.43	Depth to saturated zone	0.43		0.77
	 	Too acid 	0.08 	Too acid	0.31	Depth to saturated zone Too acid	0.43 0.31
876B: Ladoga	 90	 Somewhat limited		 Somewhat limited		 Somewhat limited	
	 	Restricted permeability 		Restricted permeability 	İ	Restricted permeability Too steep for surface application	0.22 0.08
876C2: Ladoga		 Somewhat limited Restricted permeability		 Somewhat limited Restricted permeability		 Somewhat limited Too steep for surface	 0.91
	 	 	 	 	 	application Restricted permeability Too steep for sprinkler	 0.22 0.02

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Jefferson County, Iowa

Map symbol and soil name	Pct. of map unit	manure and food processing was	_	Application Of sewage sludg Of sewage sludg	Application of sewage sludge 		ı
		=		Rating class and limiting features		=	
880B: Clinton	 - 90 	permeability	0.30 	 Somewhat limited Restricted permeability Too acid 	0.22	 Somewhat limited Restricted permeability Too steep for surface application Too acid	0.22
880C2: Clinton	 85 	Restricted permeability	10.30	 Somewhat limited Restricted permeability Too acid 	 0.22 0.07 	surface application	
880D2: Clinton	 - 85 	Slope Restricted permeability	0.63 0.30	Slope Restricted permeability	0.63 0.22 	Very limited Too steep for surface application Too steep for sprinkler application Restricted permeability Too acid	 1.00 0.77 0.22
977: Richwood	 - 90 	 Not limited 	 	 Not limited 	 	 Not limited 	
993D2: Gara		 Somewhat limited Slope Restricted permeability	 0.63 0.30 	I I			 1.00 0.77 0.22
Armstrong	 - 40	 Very limited		 Very limited		 Very limited	

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Jefferson County, Iowa

Map symbol and soil name	Pct. of map unit	manure and food- processing waste		Application of sewage sludge 		Disposal of wastewater by irrigation	
	 	Rating class and limiting features		Rating class and limiting features		Rating class and limiting features	Value
	 	Restricted permeability	 1.00 	Restricted permeability	1.00	Too steep for surface application	11.00
	İ	Depth to saturated zone	11.00	Depth to saturated zone	11.00	Restricted permeability	11.00
		Slope 	0.63 	Slope	0.63 	Depth to saturated zone	1.00
		 	 	 	 	Too steep for sprinkler application	0.77
993E2:		 				 	
Gara	- 45 		11.00	Very limited Slope 	11.00	Very limited Too steep for surface application	11.00
	 	Restricted permeability	0.30	Restricted permeability	0.22	= =	11.00
	i 	 	 		 	Restricted permeability	0.22
Armstrong	- 40 	•		Very limited Restricted permeability	11.00	 Very limited Too steep for surface application	11.00
	 	Slope 	1.00 	Slope 	1.00	= =	11.00
	 	Depth to saturated zone	1.00	Depth to saturated zone	1.00		11.00
		 				saturated zone	
994D2:		 		 			
Galland	- 65 	•	 1.00 	Very limited Restricted permeability	11.00	Very limited Too steep for surface application	11.00
	į	Depth to saturated zone	1.00	Depth to saturated zone	1.00	= =	11.00
	i	Slope	0.63		0.63		11.00
	 	Runoff limitation 	0.40		 	Too steep for sprinkler application	0.77
Douds	 - 20	 Somewhat limited	 	 Somewhat limited		 Very limited	

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Jefferson County, Iowa

Map symbol and soil name	Pct. of map unit	manure and food- processing waste		 Application of sewage sludge 		Disposal of wastewater by irrigation	
				Rating class and limiting features			Value
	 	 Slope 	0.63	 Slope 	0.63	 Too steep for surface application	11.00
	 	Too acid 	0.02	Too acid 	0.07	Too steep for sprinkler application	0.77
		 	 	1		Too acid 	0.07
994E2: Galland	 50 	· <u>-</u>	 1.00 	 Very limited Restricted permeability	11.00	 Very limited Too steep for surface application	11.00
		Slope 	1.00	Slope	1.00		1.00
	 	 Depth to saturated zone Runoff limitation		saturated zone	11.00	Restricted permeability Depth to	11.00
		 	 	1		saturated zone 	
Douds	35 		 1.00 	Very limited Slope 	11.00	surface	11.00
	 	 Too acid 	 0.02 	Too acid 	0.07	application Too steep for sprinkler application	11.00
		 	 	 		Too acid	0.07
1075B: Givin	 - 95 	· •	0.43	* *	0.43	· ±	0.43
		•	10.30	•	10.22	•	10.22
	 	permeability 	 	permeability 	 	permeability Too steep for surface application	 0.01
1130: Belinda	 90 	Restricted permeability	1.00 	 Very limited Restricted permeability	1.00 	 Very limited Restricted permeability	 1.00
	 	Depth to saturated zone Runoff limitation	1.00 0.40	saturated zone	1.00 	Depth to saturated zone 	1.00

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Jefferson County, Iowa

and soil name	Pct. of map unit	manure and food- processing waste		 Application of sewage sludge 		Disposal of wastewater by irrigation	
	 			Rating class and limiting features			Value
1260: Beckwith	 	Restricted permeability Depth to saturated zone Runoff limitation	1.00 1.00	permeability Depth to saturated zone Too acid	1.00 1.00	 Very limited Restricted permeability Depth to saturated zone Too acid	 1.00 1.00 0.31
1715: Nodaway	40			 Very limited Flooding	•	 Somewhat limited Flooding	10.60
Vesser	 35 	Depth to saturated zone	1.00	saturated zone	1.00 	 Very limited Depth to saturated zone Flooding	 1.00 0.60
Ackmore	20 	Depth to saturated zone	1.00	İ		 Very limited Depth to saturated zone Flooding 	11.00
5020: Pits And Dumps	 100 	 Not rated 	 	 Not rated 	 	 Not rated 	
5030: Pits, Limestone Quar	 100 	 Not rated 	 	 Not rated 	 	 Not rated 	
5040: Orthents	 100 	 Not rated 	 	 Not rated 	 	 Not rated 	

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Jefferson County, Iowa

Map symbol and soil name	 Pct. of map unit	manure and food- processing waste		 Application of sewage sludge 		 Disposal of wastewater by irrigation	
	 -			Rating class and limiting features		•	Value
W: Water	 - 100 	 Not rated 		 Not rated 	 	 Not rated 	